IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Paul J. DeGroot et al.

For:

SLOW RISE DEFIBRILLATION WAVEFORMS TO MINIMIZE STORED ENERGY FOR A PULSE

MODULATED CIRCUIT AND MAXIMIZE CHARGE TRANSFER TO MYOCARDIAL MEMBRANE

Serial No.:

10/693,763

Filed:

October 24, 2003

CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this INFORMATION DISCLOSURE STATEMENT and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this february 944 day of _

MÖLLY CHLEBECK Printed Name

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Information Disclosure Statement

PTO FORM 1449

Copies of the 1st pages of the cited references

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	\$ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action) \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
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	Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.
	Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.
Date `	Paul Hr. McDowall

Paul H. McDowall Reg. No. 34,873

Telephone: (763) 514-3351 Customer No. 27581



I THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul J. DeGroot et al.

Art Unit: 3762

Serial No.:

10/693,763

Examiner: Unknown

Filed:

October 24, 2003

Docket:

P-8237.00

For:

SLOW RISE DEFIBRILLATION WAVEFORMS TO MINIMIZE STORED

ENERGY FOR A PULSE MODULATED CIRCUIT AND MAXIMIZE

CHARGE TRANSFER TO MYOCARDIAL MEMBRANE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Date: 6 Feb. 64

Respectfully submitted,

Paul H. McDowall

Reg. No. 34,873

Telephone: (763) 514-3351

Customer No. 27581

Please type a plus sign (+) inside this box →

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			BY APPLICANT	Filing Date	October 24, 2003	
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	(use as i	many s	heets as necessary)	Group Art Unit	3762	
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	·	U.S. Patent Do		U.S. PATENT DOCUI Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevan
Examiner Initials*	Cite ¹ No.	V.S. Patent Document Kind Number Code ² (if known)		of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
	AA	6,096,063	(# KHOMI)	Lopin et al.	08/01/2000	
	AB	6,047,212		Gliner et al.	04/04/2000	
	AC	5,991,658	1	Brewer et al.	11/23/1999	
	AD	5,978,706		Brewer et al.	11/02/1999	
-	AE	5,908,442		Brewer et al.	06/01/1999	
	AF	5,904,706		Ayati et al.	05/18/1999	
	AG	5,836,978	1	Gliner et al.	11/17/1998	
	AH	5,803,927	1	Cameron et al.	09/08/1988	
	AI	5,800,463		Lopin et al.	09/01/1988	
	AJ	5,800,462		Lopin et al.	09/01/1988	
-	AK	5,797,968		Lopin et al.	08/25/1988	
	AL	5,776,166	<u> </u>	Gliner et al.	07/07/1988	
	AM	5,769,872		Lopin et al.	06/23/1988	
	AN	5,749,905		Gliner et al.	05/12/1988	
	AO	5,749,904		Gliner et al.	05/12/1988	
	AP	5,735,879		Gliner et al.	04/07/1988	
	AQ	5,733,310	-	Lopin et al.	03/31/1988	
	AR	5,725,560	·	Brink	03/10/1988	
	AS	5,645,573	· 	Kroll et al.	07/08/1997	
	AT	5,629,842		Johnson et al.	05/13/1997	
	AU	5,620,470	 	Gliner et al.	04/15/1997	
	AV	5,607,454	1	Cameron et al.	03/04/1997	
	AW	5,601,612		Gliner et al.	02/11/1997	
	AX	5,593,427		Gliner et al.	01/14/1997	
	AY	5,549,643		Kroll et al.	08/27/1996	
	AZ	5,481,238		Carsten et al.	01/02/1996	
	BA	5,201,865		Kuehn	04/12/1993	
	BB	5,188,105		Keimel	02/23/1993	
	BC	5,184,616		Weiss	02/09/1993	
	BD	5,165,162	<u> </u>	Charles	11/24/1992	
	BE	5,163,427		Keimel	11/17/1992	
	BF	5,111,813		Charbonnier et al.	05/12/1992	
	BG	5,088,489	 	Lerman	02/18/1992	
	BH	4,953,551		Mehra et al.	09/04/1990	
	BI	4,949,719		Pless et al.	08/21/1990	
	BJ	4,880,005	†	Pless et al.	11/14/1989	
	ВК	4,834,100	†	Charms	05/30/1989	
	BL	4,830,006	-	Haluska et al.	05/16/1989	
	ВМ	4,800,883		Winstrom	01/31/1989	
	BN	4,771,781		Lerman	08/20/1988	
	ВО	4,768,512	1	Imran	09/06/1988	
	BP	4,727,877		Kallok	03/01/1988	
	BQ	4,727,380	+	Miura et al.	02/23/1988	
	BR	4,587,970	 	Holley et al.	05/13/1986	
	BS	4,577,633	 	Berkovits et al.	03/25/1986	
	BT	4,574,810		Lerman	03/11/1986	
	BU	4,328,808		Charbonnier et al.	05/11/1982	

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Sheet	2	of	2	Attorney Docket Number	P8237.00

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		Foreign Patent Document				Date of	Pages, Columns, Lines,	
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